

SHORT COMMUNICATION

Updates to Western Australia's vascular plant census for 2019

The census database at the Western Australian Herbarium (PERTH), which provides the nomenclature for the website *FloraBase* (Western Australian Herbarium 1998–), lists current names and recent synonymy for Western Australia's native and naturalised vascular plants, as well as algae, bryophytes, lichens, slime moulds and some fungi. The names represented in the census are either sourced from published research or denote as yet unpublished names based on herbarium voucher specimens. We herein summarise the changes made to vascular plant names in this database during 2019.

Ninety-five taxa were newly recorded for the State, of which 11 are naturalised and 33 have been added to the *Threatened and Priority Flora list for Western Australia* (Smith & Jones 2018; Western Australian Herbarium 1998–) (Table 1). A total of 119 name changes were made, including the formal publication of 50 phrase-named taxa (Table 2). Plant groups for which a number of name changes were made include *Eremophila* R.Br. (Brown & Davis 2019; Chinnock 2019), *Hibbertia* Andrews (Thiele 2019a), *Hydrocotyle* L. (Perkins 2018, 2019) and *Styphelia* Sm. (Hislop 2019; Hislop & Puente-Lelièvre 2019). Numerous changes were made in *Scholtzia* Schauer in the latest of a series of papers aimed at reducing the large backlog of informally-named taxa in the Myrtaceae tribe Chamelaucieae (Rye 2019). A comprehensively illustrated revision of the tiurndins (*Tribonanthes*, Haemodoraceae) recognised 12 species, of which four were newly described and two were reinstated (Hickman & Hopper 2019). Table 2 also includes cases where there has been a change of taxonomic concept, misapplication, exclusion or rank change.

Table 1. New records added to Western Australia's vascular plant census during 2019. *in litt.* = in correspondence; *insched.* = on herbarium sheet/label. Status: * = naturalised; T, P1–P4 = Conservation Codes for Western Australian Flora (Smith & Jones 2018; Western Australian Herbarium 1998–).

New Name	Status	Comments
<i>Acacia</i> sp. Forrestania (D. Angus DA 3001)	P1	M. Hislop <i>in litt.</i> (20/09/2019).
<i>Actinotus</i> sp. Whicher (G.J. Keighery 12394)		Correction to voucher-specimen identifier. See Keighery (1999).
<i>Austrostipa echinata</i> (Vickery, S.W.L.Jacobs & J.Everett) S.W.L.Jacobs & J.Everett	P1	New record for WA. T.D. Macfarlane <i>in litt.</i> (13/12/2018).
<i>Boronia clavata</i> Paul G.Wilson subsp. <i>clavata</i>	T	See Duretto (2019).
<i>Boronia clavata</i> subsp. <i>grandis</i> Duretto	P2	See Duretto (2019).
<i>Boronia denticulata</i> Sm. subsp. <i>denticulata</i>		See Duretto (2019).
<i>Boronia denticulata</i> subsp. <i>whoogarupensis</i> Duretto	P2	See Duretto (2019).
<i>Boronia</i> sp. Leeuwin (J. Scott 235)	P2	A. Webb <i>in litt.</i> (07/05/2019).

New Name	Status	Comments
<i>Calandrinia</i> sp. Cape Range (F. Obbens FO 10/18)	P2	F. Obbens <i>in litt.</i> (16/11/2018).
<i>Calandrinia</i> sp. Nanutarra (F. Obbens FO 08/18)	P1	F. Obbens <i>in litt.</i> (16/11/2018).
<i>Calochilus</i> sp. Theda (R.L. Barrett et al. RLB 6158)		R.L. Barrett & T.D. Macfarlane <i>in litt.</i> (01/07/2019).
<i>Calyplocarpus vialis</i> Less.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (10/12/2018).
<i>Cassinia sifton</i> Orchard	*	See Orchard (2017).
<i>Comesperma</i> sp. A Kimberley Flora (D.W. Rust 48)		Correction to voucher-specimen identifier.
<i>Convolvulus</i> sp. Cascades (W. Archer 1110161)	P1	M. Hislop <i>in litt.</i> (11/07/2019).
<i>Corchorus drysdalensis</i> R.L.Barrett		See Barrett (2019b).
<i>Corybas</i> sp. Peat (A.P. Brown & D. Edmonds APB 4314)		A.P. Brown <i>in litt.</i> (21/05/2019).
<i>Darwinia</i> sp. Corrigin (T. Erickson TEE 308)	P2	B.L. Rye <i>in litt.</i> (03/09/2019).
<i>Dillwynia</i> sp. Mallee (W.R. Archer 1709959)		M. Hislop <i>in litt.</i> (10/10/2019).
<i>Diuris</i> sp. Augusta (G. Brockman GBB 1469)		C. French & G. Brockman <i>in litt.</i> (05/12/2018).
<i>Drosera</i> sp. Branched styles (S.C. Coffey 193)		S.C. Coffey <i>in litt.</i> (30/11/2018).
<i>Elionurus tylophorus</i> M.D.Barrett & Handasyde	P2	See Barrett & Handasyde (2019).
<i>Eremophila</i> sp. Kalgoorlie (V. Clarke & A. Brown VTC 590)		Correction to voucher-specimen identifier. A.P. Brown <i>in litt.</i> (30/01/2019).
<i>Eremophila</i> sp. Mullewa (R. Wait 7311)		R. Davis <i>in litt.</i> (09/01/2019).
<i>Eriachne</i> sp. Dugald River (B.K. Simon+ 3007)		M.D. Barrett <i>in litt.</i> (18/01/2019).
<i>Eucalyptus cladocalyx</i> F.Muell. subsp. <i>cladocalyx</i>	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (08/07/2019).
<i>Eucalyptus vokesensis</i> D.Nicolle & L.A.S.Johnson		New record for WA. M.E. French <i>in litt.</i> (12/06/2019).
<i>Exocarpos</i> sp. Ardath (J. Buegge D 62)		B.J. Lepschi <i>in litt.</i> (30/10/2018).
<i>Gloriosa superba</i> L.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (10/02/2019).
<i>Goodenia</i> sp. Cunyu (C.J. Nicholson & P.J. Curry 1001)	P1	K.A. Shepherd & M. Hislop <i>in litt.</i> (14/02/2019).
<i>Grevillea</i> sp. Yerilgee Hills (T. Laslett TL 025)	P1	J. Bull & D. Brearley <i>in litt.</i> (05/06/2019).
<i>Habenaria hymenophylla</i> Schltr.		New record for WA. R.L. Barrett <i>in litt.</i> (02/01/2019).

New Name	Status	Comments
<i>Haemodorum coccineum</i> R.Br.		New record for WA. See Barrett <i>et al.</i> (2015).
<i>Haemodorum subvirens</i> F.Muell.		New record for WA. See Barrett <i>et al.</i> (2015).
<i>Heteranthera reniformis</i> Ruiz & Pav.	*	New naturalised record for WA. M. Hislop <i>in litt.</i> (25/07/2019).
<i>Hibbertia acrotoma</i> K.R.Thiele	P1	See Thiele (2019a).
<i>Hibbertia ambita</i> K.R.Thiele	P1	See Thiele (2019a).
<i>Hibbertia davisii</i> K.R.Thiele		See Thiele (2019a).
<i>Hibbertia elegans</i> K.R.Thiele	P1	See Thiele (2019a).
<i>Hibbertia hortiorum</i> K.R.Thiele	P1	See Thiele (2019a).
<i>Hibbertia improna</i> K.R.Thiele		See Thiele (2019a).
<i>Hibbertia inopinata</i> K.R.Thiele		See Thiele (2019a).
<i>Hibbertia sandfordiae</i> K.R.Thiele	P1	See Thiele (2019a).
<i>Hibbertia semipilosa</i> K.R.Thiele		See Thiele (2019a).
<i>Hibbertia spectabilis</i> K.R.Thiele		See Thiele (2019a).
<i>Hibbertia wheelerae</i> K.R.Thiele	P2	See Thiele (2019a).
<i>Hibiscus</i> sp. Perrinvale Station (J. Warden & E. Ager WB 10581)	P3	G. Cockerton <i>in litt.</i> (05/08/2019).
<i>Lagenophora gracilis</i> Steetz		New record for WA. See Wang & Bean (2019).
<i>Lagenophora platysperma</i> Jian Wang ter & A.R.Bean		See Wang & Bean (2019).
<i>Lagenophora stipitata</i> (Labill.) Druce		New record for WA. See Wang & Bean (2019).
<i>Lechenaultia</i> sp. Cascade (W.R. Archer 212122)	P1	K.A. Shepherd & M. Hislop <i>in litt.</i> (14/02/2019).
<i>Lepidium</i> sp. Stirling Range (S. Barrett 1359)		G.J. Keighery <i>in litt.</i> (23/10/2019).
<i>Leucopogon</i> sp. Cascades (M. Hislop 3693)	P1	M. Hislop <i>in litt.</i> (07/02/2019).
<i>Levenhookia</i> sp. Whicher Range (J.A. Wege 2090)		J.A. Wege <i>in litt.</i> (11/04/2019).
<i>Micrococca mercurialis</i> (L.) Benth.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (10/02/2019).
<i>Microcorys</i> sp. Mt Holland broad-leaf (G. Barrett s.n. PERTH 04104927)	P1	M. Hislop <i>in litt.</i> (12/09/2019).
<i>Nandina domestica</i> Thunb.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (10/10/2018).

New Name	Status	Comments
<i>Nicotiana gascoynica</i> M.W.Chase & Christenh.		See Chase & Christenhusz (2018b).
<i>Nicotiana karijini</i> M.W.Chase & Christenh.		See Chase & Christenhusz (2018a).
<i>Nicotiana stenocarpa</i> H.-M.Wheeler		New record for WA. See Chase & Christenhusz (2018c).
<i>Opuntia polyacantha</i> Haw.	*	New naturalised record for WA. R.J. Chinnock <i>in litt.</i> (23/05/2019).
<i>Opuntia polyacantha</i> var. <i>hystricina</i> (Engelm. & J.M.Bigelow) B.D.Parfitt	*	New naturalised record for WA. R.J. Chinnock <i>in litt.</i> (23/05/2019).
<i>Phebalium</i> sp. Yerilgee Sandplain (J. Jackson 223)	P2	J. Bull <i>in litt.</i> (24/07/2019).
<i>Phytolacca americana</i> L.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (09/07/2019).
<i>Pterostylis</i> sp. Bloated bird orchid (A.R. Annels et al. ARA 5478)		C. French & G. Brockman <i>in litt.</i> (05/12/2018).
<i>Pterostylis</i> sp. Bloated snail orchid (W. Jackson BJ 486)		C. French & G. Brockman <i>in litt.</i> (05/12/2018).
<i>Pterostylis</i> sp. Coastal clubbed sepals (G. Brockman GBB 255)		C. French & G. Brockman <i>in litt.</i> (05/12/2018).
<i>Pterostylis</i> sp. Paynes Find (G. Brockman GBB 526)		C. French & G. Brockman <i>in litt.</i> (05/12/2018).
<i>Pterostylis</i> sp. Robust snail orchid (W. Jackson BJ 358)		C. French & G. Brockman <i>in litt.</i> (05/12/2018).
<i>Ptilotus xerophilus</i> T.Hammer & R.W.Davis		See Hammer <i>et al.</i> (2019).
<i>Rorippa</i> sp. Fortescue Valley (M.N. Lyons & R.A. Coppen FV 0760)	P1	M.T. Collins & M.N. Lyons <i>in litt.</i> (25/06/2019).
<i>Scholtzia brevistylis</i> Rye		See Rye (2019).
<i>Scholtzia halophila</i> Rye		See Rye (2019).
<i>Scholtzia longipedata</i> Rye		See Rye (2019).
<i>Scholtzia pentamera</i> Rye		See Rye (2019).
<i>Scholtzia pentamera</i> subsp. <i>collina</i> Rye		See Rye (2019).
<i>Scholtzia uniovulata</i> Rye		See Rye (2019).
<i>Sida</i> sp. R (P. Copley 1390)	P1	New record for WA. R.M. Barker <i>in sched.</i> (May 2007).
<i>Stylidium</i> sp. Dragon Rocks (J.A. Wege & K.A. Shepherd JAW 2054)	P2	J.A. Wege <i>in litt.</i> (11/04/2019).
<i>Styphelia</i> sp. Wandoo (F. & J. Hort 2441)	P2	M. Hislop <i>in litt.</i> (22/01/2019).
<i>Syncarpia glomulifera</i> (Sm.) Nied.	*	New naturalised record for WA. G.J. Keighery <i>in litt.</i> (10/10/2018).

New Name	Status	Comments
<i>Thysanotus</i> sp. Ennuin (N. Gibson & M. Lyons 2665)	P1	T. Macfarlane <i>in litt.</i> (20/02/2019).
<i>Thysanotus</i> sp. Mount Madden (G.F. Craig 10516)	P1	T. Macfarlane <i>in litt.</i> (27/05/2019).
<i>Thysanotus</i> sp. Yellowdine (A.S. George 6040)	P2	T. Macfarlane <i>in litt.</i> (11/03/2019).
<i>Tribonanthes australis</i> Endl. × <i>Tribonanthes brachypetala</i> Lindl.		See Hickman & Hopper (2019).
<i>Tribonanthes australis</i> Endl. × <i>Tribonanthes longipetala</i> Lindl.		See Hickman & Hopper (2019).
<i>Tribonanthes brachypetala</i> Lindl. × <i>Tribonanthes variabilis</i> Lindl.		See Hickman & Hopper (2019).
<i>Tribonanthes elongata</i> E.J.Hickman & Hopper		See Hickman & Hopper (2019).
<i>Tribonanthes monantha</i> E.J.Hickman & Hopper		See Hickman & Hopper (2019).
<i>Tribonanthes porphyrea</i> E.J.Hickman & Hopper		See Hickman & Hopper (2019).
<i>Triodia</i> sp. Silvergrass (P.-L. de Kock BES 00808)	P1	M.D. Barrett & P.-L. de Kock <i>in litt.</i> (06/02/2018).
<i>Triodia veniciae</i> M.D.Barrett		See Barrett (2019a).
<i>Trithuria fitzgeraldii</i> D.D.Sokoloff, I.Marques, T.Macfarlane, Rudall & S.W.Graham		See Sokoloff <i>et al.</i> (2019).
<i>Utricularia oppositiflora</i> R.Br.		New record for WA. R.W. Jobson <i>in sched.</i> (06/09/2019).
<i>Vallisneria</i> sp. Weelarrana (M.N. Lyons & S.D. Lyons 3050)	P1	T. Macfarlane & M. Lyons <i>in litt.</i> (19/06/2019).

Table 2. Changes to existing entries in Western Australia's vascular plant census during 2019. Excluded taxon = a name used in the botanical literature that refers to a taxon never occurring in WA; misapplied name = a name used in the botanical literature but now considered to refer to one or more different WA taxa; nomenclatural synonym = a superseded name based on the same type specimen as the accepted name—the epithet is usually transferred to a different genus name or rank; taxonomic synonym = a superseded name based on a different type specimen to the accepted name; orthographic variant = mis-spelling of a name in original publication; *in litt.* = in correspondence; *in sched.* = on herbarium sheet/label. Status: * = naturalised; T, P1–P4 = Conservation Codes for Western Australian Flora (Smith & Jones 2018; Western Australian Herbarium 1998–).

Old Name	New Name	Status	Comments
<i>Abutilon halophilum</i> Schldl.	n/a		Excluded taxon. No records from WA.
<i>Acacia</i> sp. East Fortescue (J. Bull & D. Roberts ONS A 27.01)	<i>Acacia corusca</i> J.P.Bull, S.J.Dillon & Brearley	P1	Taxon formally published. See Bull <i>et al.</i> (2019).
<i>Actinotus</i> sp. Whicher (G.J. Keighery 12394)	<i>Actinotus whicheranus</i> Keighery	P2	Taxon formally published. See Keighery (1999).

Old Name	New Name	Status	Comments
<i>Ageratina adenophora</i> (Spreng.) R.M.King & H.Rob.	n/a		Name made current. Taxon reinstated. G.J. Keighery <i>in litt.</i> (10/10/2018).
<i>Arthrochilus byrnesii</i> Blaxell	<i>Phoringopsis byrnesii</i> (Blaxell) D.L.Jones & M.A.Clem.		Nomenclatural synonym. A.P. Brown <i>in litt.</i> (13/06/2018).
<i>Astroloma</i> sp. Dumbleyung (A.J.G. Wilson 146)	<i>Styphelia</i> sp. Dumbleyung (A.J.G. Wilson 146)	P3	Name synonymised. M. Hislop <i>in litt.</i> (15/05/2019).
<i>Astroloma</i> sp. Eneabba (N. Marchant s.n. PERTH 01291777)	<i>Styphelia</i> sp. Eneabba (N. Marchant s.n. PERTH 01291777)		Name synonymised. M. Hislop <i>in litt.</i> (15/05/2019).
<i>Astroloma</i> sp. Kalbarri (D. & B. Bellairs 1368)	<i>Styphelia cernua</i> Hislop & Puente-Lel.	P2	Taxon formally published. See Hislop & Puente-Lelièvre (2019).
<i>Astroloma</i> sp. Nannup (R.D. Royce 3978)	<i>Styphelia</i> sp. Nannup (R.D. Royce 3978)		Name synonymised. M. Hislop <i>in litt.</i> (15/05/2019).
<i>Astroloma</i> sp. Narrogin (R.D. Royce 8158)	<i>Styphelia</i> sp. Narrogin (R.D. Royce 8158)		Name synonymised. M. Hislop <i>in litt.</i> (15/05/2019).
<i>Astroloma</i> sp. sessile leaf (J.L. Robson 657)	<i>Styphelia angustiflora</i> Hislop & Puente-Lel.	P2	Taxon formally published. See Hislop & Puente-Lelièvre (2019).
<i>Astroloma stomarrhena</i> Sond.	<i>Styphelia stomarrhena</i> (Sond.) Sleumer		Nomenclatural synonym. See Hislop & Puente-Lelièvre (2019).
<i>Astroloma xerophyllum</i> (DC.) Sond.	<i>Styphelia xerophylla</i> (DC.) F.Muell.		Nomenclatural synonym. See Hislop & Puente-Lelièvre (2019).
<i>Banksia densa</i> A.R.Mast & K.R.Thiele var. <i>densa</i>	<i>Banksia densa</i> A.R.Mast & K.R.Thiele	P2	Nomenclatural synonym. No varieties recognised. See Thiele (2019b).
<i>Banksia densa</i> var. <i>parva</i> (A.S.George) A.R.Mast & K.R.Thiele	<i>Banksia parva</i> (A.S.George) K.R.Thiele	P4	Nomenclatural synonym. See Thiele (2019b).
<i>Banksia densa</i> var. Wheatbelt (M. Pieroni s.n. PERTH 04083407)	<i>Banksia zygocephala</i> K.R.Thiele		Taxon formally published. See Thiele (2019b).
<i>Caladenia</i> × <i>intermedia</i> (Fitzg.) M.A.Clem. & D.L.Jones	<i>Elythranthera</i> × <i>intermedia</i> (Fitzg.) M.A.Clem.		Nomenclatural synonym. A.P. Brown <i>in litt.</i> (09/01/2018).
<i>Calandrinia</i> sp. Piawaning (A.C. Beaglehole 12257)	<i>Calandrinia uncinella</i> Obbens	P1	Taxon formally published. See Obbens (2019).
<i>Calandrinia</i> sp. The Pink Hills (F. Obbens FO 19/06)	<i>Calandrinia monosperma</i> Obbens		Taxon formally published. See Obbens (2019).
<i>Clerodendrum heterophyllum</i> (Poir.) R.Br.	n/a		Excluded taxon. PERTH collections represent cultivated material.
<i>Clerodendrum heterophyllum</i> var. <i>baueri</i> Moldenke	n/a		Excluded taxon. PERTH collections represent cultivated material.
<i>Comesperma</i> sp. A Kimberley Flora (D.W. Rust 8)	<i>Comesperma</i> sp. A Kimberley Flora (D.W. Rust 48)		Error. Correction to voucher-specimen identifier.
<i>Comesperma</i> sp. A Kimberley Flora (D.W. Rust 48)	<i>Comesperma minutum</i> A.J.Ford & Halford	P1	Taxon formally published. See Ford <i>et al.</i> (2017).
<i>Corybas</i> sp. Peat (A.P. Brown & D. Edmonds APB 4314)	<i>Corybas autumnalis</i> A.P.Br. & D. Edmonds	P2	Taxon formally published. See Brown & Edmonds (2019).
<i>Crosslandia setifolia</i> W.Fitzg.	<i>Fimbristylis crosslandii</i> Roalson, R.L.Barrett & Larridon		Nomenclatural synonym. See Roalson <i>et al.</i> (2019).
<i>Cyanthillium gracilis</i> (Lander & P.J.H.Hurter) K.R.Thiele & E.E.Schill.	<i>Cyanthillium gracile</i> (Lander & P.J.H.Hurter) K.R.Thiele & E.E.Schill.	P3	Orthographic variant. A.S. George <i>in litt.</i> (13/12/2018).

Old Name	New Name	Status	Comments
<i>Cyathostemon</i> sp. Mt Dimer (C. McChesney TRL 4/72)	<i>Cyathostemon verrucosus</i> Trudgen & Rye	P3	Taxon formally published. See Rye (2018).
<i>Delosperma vinaceum</i> L.Bolus	n/a		Excluded taxon. See Keighery (2005).
<i>Dillwynia</i> sp. Coolgardie (V.E. Sands 637.3.1)	<i>Dillwynia acerosa</i> S.Moore		Informal synonym. M. Hislop <i>in sched.</i> (03/10/2019).
<i>Diuris</i> sp. South Coast (G. Brockman GBB 3041)	<i>Diuris brockmanii</i> D.L.Jones & C.J.French		Taxon formally published. See Jones & French (2019).
<i>Drosera indica</i> L.	n/a		Excluded taxon. See Lowrie (2013).
<i>Enneapogon nigricans</i> (R.Br.) P.Beauv.	n/a		Name made current. Taxon reinstated. T.D. Macfarlane & U. Bell <i>in sched.</i> (21/03/2019).
<i>Eremophila glabra</i> subsp. Kokeby (R. Davis 5080)	<i>Eremophila glabra</i> subsp. York (P.G. Wilson 12172 B)	P1	Name synonymised. A.P. Brown <i>in sched.</i> (08/02/2017).
<i>Eremophila glabra</i> subsp. <i>verrucosa</i> Chinnock	<i>Eremophila viridissima</i> Chinnock		Nomenclatural synonym. See Chinnock (2019).
<i>Eremophila oldfieldii</i> subsp. Karara (D. Coultas s.n. PERTH 07341717)	<i>Eremophila oldfieldii</i> subsp. <i>papula</i> A.P.Br.	P1	Taxon formally published. See Brown & Davis (2019).
<i>Eremophila</i> sp. Kalgoorlie (V. Clark & A. Brown VTC 590)	<i>Eremophila</i> sp. Kalgoorlie (V. Clarke & A. Brown VTC 590)		Error. Correction to voucher-specimen identifier. A.P. Brown <i>in litt.</i> (30/01/2019).
<i>Eremophila</i> sp. Kalgoorlie (V. Clarke & A. Brown VTC 590)	<i>Eremophila xantholaema</i> R.W.Davis	P1	Taxon formally published. See Brown & Davis (2019).
<i>Eremophila</i> sp. Mullewa (R. Wait 7311)	<i>Eremophila waitii</i> Chinnock	P1	Taxon formally published. See Chinnock (2019).
<i>Eremophila</i> sp. Rothsay (D. Coultas & J. Kelt s.n. PERTH 08200440)	<i>Eremophila sericea</i> A.P.Br.	P1	Taxon formally published. See Brown & Davis (2019).
<i>Eucalyptus gardneri</i> subsp. <i>ravensthorpensis</i> Brooker & Hopper	<i>Eucalyptus ravensthorpensis</i> (Brooker & Hopper) Gosper & Hopper	P4	Nomenclatural synonym. See Gosper <i>et al.</i> (2019).
<i>Eucalyptus obtusiflora</i> subsp. <i>cowcowensis</i> L.A.S.Johnson & K.D.Hill	<i>Eucalyptus obtusiflora</i> subsp. <i>dongarraensis</i> (Maiden & Blakely) L.A.S.Johnson & K.D.Hill		Taxonomic synonym. See Nicolle <i>et al.</i> (2019).
<i>Gastrolobium</i> sp. Harvey (G.J. Keighery 16821)	<i>Gastrolobium capitatum</i> (Benth.) G.Chandler & Crisp		Name synonymised. See Butcher & Hislop (2019).
<i>Genus</i> sp. Nillup (R.D. Royce 98)	<i>Hemigenia</i> sp. Nillup (R.D. Royce 98)	P2	Name synonymised. B.L. Rye <i>in litt.</i> (25/02/2014).
<i>Geodorum neocaledonicum</i> Kraenzl.	<i>Geodorum densiflorum</i> (Lam.) Schltr.		Taxonomic synonym. R.L. Barrett <i>in litt.</i> (08/06/2018).
<i>Geodorum terrestre</i> (L.) Garay	<i>Geodorum densiflorum</i> (Lam.) Schltr.		Misapplied name. R.L. Barrett <i>in litt.</i> (08/06/2018).
<i>Goodenia campestris</i> Carolin	n/a		Name made current. Taxon reinstated. M.D. Barrett <i>in litt.</i> (23/04/2019).
<i>Grewia glabra</i> Blume	<i>Grewia guazumifolia</i> Juss.		Taxonomic synonym. See Barrett (2019b).

Old Name	New Name	Status	Comments
<i>Grewia retusifolia</i> Kurz	<i>Grewia pindanica</i> R.L.Barrett		Misapplied name. See Barrett (2019b).
<i>Grewia retusifolia</i> Kurz	<i>Grewia savannicola</i> R.L.Barrett		Misapplied name. See Barrett (2019b).
<i>Habenaria elongata</i> R.Br.	<i>Pecteilis elongata</i> (R.Br.) M.A.Clem. & D.L.Jones		Nomenclatural synonym. See Clements & Jones (2018).
<i>Habenaria eurystoma</i> Schltr.	<i>Pecteilis eurystoma</i> (Schltr.) M.A.Clem. & D.L.Jones		Nomenclatural synonym. See Clements & Jones (2018).
<i>Habenaria ochroleuca</i> R.Br.	<i>Pecteilis ochroleuca</i> (R.Br.) M.A.Clem. & D.L.Jones		Nomenclatural synonym. See Clements & Jones (2018).
<i>Habenaria</i> sp. Beverley Springs Station (M.D. Barrett MDB185)	<i>Pecteilis eurystoma</i> (Schltr.) M.A.Clem. & D.L.Jones		Name synonymised. R.L. Barrett <i>in litt.</i> (02/01/2019).
<i>Habenaria triplonema</i> Schltr.	<i>Pecteilis elongata</i> (R.Br.) M.A.Clem. & D.L.Jones		Taxonomic synonym. R.L. Barrett <i>in litt.</i> (02/01/2019).
<i>Hibbertia</i> sp. Toolbrunup (J.R. Wheeler 2504)	<i>Hibbertia barrettiae</i> K.R.Thiele	T	Taxon formally published. See Thiele (2019a).
<i>Hydrocotyle</i> sp. Crassipes (K.R. Newbey 7567)	<i>Hydrocotyle eichleri</i> A.J.Perkins	P3	Taxon formally published. See Perkins (2018).
<i>Hydrocotyle</i> sp. Decipiens (G.J. Keighery 463)	<i>Hydrocotyle tuberculata</i> A.J.Perkins	P2	Taxon formally published. See Perkins (2018).
<i>Hydrocotyle</i> sp. Hamelinensis (G.J. Keighery s.n. PERTH 02391325)	<i>Hydrocotyle tetragonocarpa</i> Bunge		Name synonymised. See Perkins (2019).
<i>Hydrocotyle</i> sp. Puberula (H. Eichler 22058)	<i>Hydrocotyle scutellifera</i> Benth.		Name synonymised. See Perkins (2019).
<i>Hydrocotyle</i> sp. Vigintimilia (P.G. Wilson 7940)	<i>Hydrocotyle papilionella</i> A.J.Perkins	P2	Taxon formally published. See Perkins (2018).
<i>Lepidosperma leptophyllum</i> Benth.	n/a		Name made current. Taxon reinstated. See CHAH (2012).
<i>Leptocarpus crassipes</i> Pate & Meney	<i>Leptocarpus scariosus</i> R.Br.		Taxonomic synonym. B.G. Briggs <i>in litt.</i> (13/03/2019).
<i>Leucopogon</i> sp. Barren Range (A.S. George 10092)	<i>Styphelia quartzitica</i> Hislop	P2	Taxon formally published. See Hislop (2019).
<i>Leucopogon</i> sp. Bonnie Hill (K.R. Newbey 9831)	<i>Styphelia sulcata</i> Hislop & Puente-Lel.	P1	Taxon formally published. See Hislop & Puente-Lelièvre (2019).
<i>Leucopogon</i> sp. Kambalda (J. Williams s.n. PERTH 07305028)	<i>Styphelia rectiloba</i> Hislop	P3	Taxon formally published. See Hislop (2019).
<i>Leucopogon</i> sp. Ongerup (A.S. George 16682)	<i>Styphelia disjuncta</i> Hislop & Puente-Lel.	T	Taxon formally published. See Hislop & Puente-Lelièvre (2019).
<i>Livistona lorophylla</i> Becc.	<i>Livistona leichhardtii</i> F.Muell.		Taxonomic synonym. See Dowe (2018).
<i>Neosciadium glochidiatum</i> (Benth.) Domin	<i>Hydrocotyle glochidiata</i> Benth.		Nomenclatural synonym. See Perkins (2019).
<i>Planchonella pohlmaniana</i> (F.Muell.) Dubard	<i>Planchonella arnhemica</i> (Benth.) P.Royen		Misapplied name. See Jessup (2019).
<i>Plectranthus congestus</i> R.Br.	<i>Coleus congestus</i> (R.Br.) A.J.Paton		Nomenclatural synonym. See Paton <i>et al.</i> (2019).

Old Name	New Name	Status	Comments
<i>Plectranthus intraterraneus</i> S.T.Blake	<i>Coleus intraterraneus</i> (S.T.Blake) P.I.Forst. & T.C.Wilson		Nomenclatural synonym. See Paton <i>et al.</i> (2019).
<i>Plectranthus scutellarioides</i> (L.) R.Br.	<i>Coleus scutellarioides</i> (L.) Benth.		Nomenclatural synonym. See Paton <i>et al.</i> (2019).
<i>Pleurocarpaea gracilis</i> Lander & P.J.H.Hurter	<i>Cyanthillium gracilis</i> (Lander & P.J.H.Hurter) K.R.Thiele & E.E.Schill.		Nomenclatural synonym. See Thiele & Schilling (2018).
<i>Pterostylis</i> sp. Karri forest (W. Jackson BJ270)	<i>Pterostylis</i> sp. crinkled leaf (G.J. Keighery 13426)		Name synonymised. G. Brockman <i>in sched.</i> (08/02/2013).
<i>Pterostylis</i> sp. short sepals (W. Jackson BJ259)	<i>Pterostylis ectypha</i> (D.L.Jones & C.J.French) D.L.Jones & C.J.French		Name synonymised. G. Brockman & C.J. French <i>in sched.</i> (19/12/2018).
<i>Ptilotus macrocephalus</i> (R.Br.) Poir.	n/a		Excluded taxon. See Hammer <i>et al.</i> (2019).
<i>Rhagodia</i> sp. Yeelirrie Station (K.A. Shepherd et al. KS 1396)	<i>Chenopodium nitrariaceum</i> (F.Muell.) Benth.		Name synonymised. K.A. Shepherd <i>in litt.</i> (27/02/2019).
<i>Sauropus crassifolius</i> (Müll.Arg.) Airy Shaw	<i>Synostemon crassifolius</i> (Müll.Arg.) I.Telford & Pruesapan		Nomenclatural synonym. See Telford <i>et al.</i> (2019).
<i>Sauropus rigidulus</i> (Müll.Arg.) Airy Shaw	<i>Synostemon rigidulus</i> (Müll.Arg.) I.Telford & Pruesapan	P3	Nomenclatural synonym. See Telford <i>et al.</i> (2019).
<i>Scholtzia</i> sp. Ajana (T.A. Halliday 137)	<i>Scholtzia bellairsiorum</i> Rye	P3	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Ajana East Road (M.E. Trudgen 21734 A)	<i>Scholtzia truncata</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Billeranga Hills (B.J. Conn 2159)	<i>Scholtzia subsessilis</i> Rye	P1	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Binnu (M.E. Trudgen 2218)	<i>Scholtzia uniflora</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Binnu East Road (M.E. Trudgen 12013)	<i>Scholtzia thinicola</i> Rye	P1	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Binnu-Yuna (M.E. Trudgen 12016)	<i>Scholtzia longipedata</i> subsp. <i>procera</i> Rye	P3	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Bungabandi Creek (M. Quicke EURA 48)	<i>Scholtzia peltigera</i> Rye	P1	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Burma Road (A.C. Burns 138)	<i>Scholtzia prostrata</i> Rye	P3	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Coburn (N. Murdock NM 031)	<i>Scholtzia corrugata</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Coomberdale (M.E. & M.E. Trudgen MET 1724)	<i>Scholtzia halophila</i> Rye subsp. <i>halophila</i>		Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Dongara (R. Hart 8401)	<i>Scholtzia calcicola</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Duck Pool (M.E. Trudgen MET 5427)	<i>Scholtzia halophila</i> subsp. <i>mortlockensis</i> Rye	P3	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. East Yuna (A.C. Burns 6)	<i>Scholtzia inaequalis</i> Rye	P2	Taxon formally published. See Rye (2019).

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<i>Scholtzia</i> sp. Eneabba (S. Maley 8)	<i>Scholtzia trilocularis</i> Rye		Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Eradu (R.D. Royce 8016)	<i>Scholtzia longipedata</i> subsp. <i>procera</i> Rye	P3	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Eurardy (J.S. Beard 6886)	<i>Scholtzia oleosa</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Galena (W.E. Blackall 4728)	<i>Scholtzia truncata</i> Rye	P2	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Gunyidi (J.D. Briggs 1721)	<i>Scholtzia quindecim</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Kojarena (A.M. Ashby 1904)	<i>Scholtzia multiflora</i> Rye	P1	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Lancelin (M.E. Trudgen 1516)	<i>Scholtzia laciniata</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Murchison River (A.S. George 7908)	<i>Scholtzia denticulata</i> Rye	P2	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Northampton (A. Strid 20714)	<i>Scholtzia pentamera</i> Rye subsp. <i>pentamera</i>		Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Overlander (M.E. Trudgen 12138)	<i>Scholtzia recurva</i> Rye	P1	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Prowaka Springs (R.J. Cranfield & P. Spencer 8083)	<i>Scholtzia brevistylis</i> subsp. <i>prowaka</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Red Bluff (A. Gunness 2373)	<i>Scholtzia longipedata</i> Rye subsp. <i>longipedata</i>		Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Ross Graham Lookout (S. Maley 6)	<i>Scholtzia denticulata</i> Rye	P2	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Shark Bay (M.E. Trudgen 7429)	<i>Scholtzia capitata</i> Benth.		Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Valentine Road (S. Patrick 2142)	<i>Scholtzia thinicola</i> Rye	P1	Name synonymised. See Rye (2019).
<i>Scholtzia</i> sp. Winchester (C. Chapman s.n. PERTH 05625386)	<i>Scholtzia chapmanii</i> Rye		Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Yandanooka (R. Soullier 646)	<i>Scholtzia brevistylis</i> Rye subsp. <i>brevistylis</i>	P1	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Yenyening Lakes (A. Gunness 2824)	<i>Scholtzia halophila</i> subsp. <i>meridionalis</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Yuna (C.A. Gardner 14286)	<i>Scholtzia cordata</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Scholtzia</i> sp. Z-Bend (Bellairs-Kalflora 912a)	<i>Scholtzia tenuissima</i> Rye	P2	Taxon formally published. See Rye (2019).
<i>Tephrosia</i> sp. Carnarvon (J.H. Ross 2681)	<i>Tephrosia gardneri</i> R. Butcher		Name synonymised. See Butcher (2018).
<i>Tephrosia</i> sp. Fortescue (A.A. Mitchell 606)	<i>Tephrosia densa</i> (Benth.) R. Butcher		Name synonymised. See Butcher (2018).
<i>Tephrosia</i> sp. Meentheena (S. van Leeuwen 4479)	<i>Tephrosia densa</i> (Benth.) R. Butcher		Name synonymised. See Butcher (2018).

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<i>Tephrosia</i> sp. Onslow (K.R. Newbey 10571)	<i>Tephrosia gardneri</i> R.Butcher		Name synonymised. See Butcher (2018).
<i>Tribonanthes</i> sp. Lake Muir (G.J. Keighery & N. Gibson 2134)	<i>Tribonanthes keigheryi</i> E.J.Hickman & Hopper		Taxon formally published. See Hickman & Hopper (2019).
<i>Tribonanthes uniflora</i> Lindl.	n/a		Name made current. Taxon reinstated. See Hickman & Hopper (2019).
<i>Tribonanthes variabilis</i> Lindl.	n/a		Name made current. Taxon reinstated. See Hickman & Hopper (2019).
<i>Triodia</i> sp. Robe River (M.E. Trudgen et al. MET 12367)	<i>Triodia pisolitica</i> Trudgen & M.D.Barrett	P3	Taxon formally published. See Barrett & Trudgen (2018).

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